DiBos Hybrid Digital Video Recorders

Seamlessly integrating visual information into an overall security strategy

The power of integration

Efficient system integration is vital for surveillance that demands more than just stand-alone video recording. DiBos' extensive communication, networking and system interfacing features enable connectivity with a wide range of devices.

The freedom of scalability

DiBos allows simultaneous recording and viewing on more channels than ever, providing the basis for company-wide video surveillance networks.

Unrivaled connectivity with external devices

DiBos' innovative hybrid capability enables integration with analog and IP devices. Combine DiBos with megapixel network cameras. Incorporate it with other Bosch technologies such as the AutoDome IP, Dinion IP, FlexiDome IP, as well as with VideoJet and VIP X Series single and multi-channel encoders. Integrate it with access solutions such as Access Easy Control System and Access Professional Edition.

You can also interface DiBos with a wide range of external systems and equipment:

- POS/ATM terminals
- Security panels
- Fire alarm systems
- Video content analyzers

Effective system management and integration

In line with the trend toward converged video and building management systems, DiBos can be integrated with existing infrastructure using OPC (OLE for Process Control) and IP technology. Interface it with Bosch G Series security panels or with LDAP (Lightweight Directory Access Protocol) to meet large organizations' need for global user management.

When tighter integration is required, Bosch's VideoSDK provides a complete toolbox of modules for playback, searching, viewing live images and more.

Features

- Hybrid analog/IP MPEG4 digital video recorder
- Models for 6, 12, 18, 24 and 30 analog cameras and up to 32 additional network cameras/video encoders
- View/record video at CIF/2CIF/4CIF resolution
- Web-browser remote access and viewing

Overview

Thanks to its advanced networking capabilities, DiBos from Bosch Security Systems extends your video surveillance reach to virtually any location. DiBos is a scalable solution that gives you real-time monitoring and recording on up to 30 local analog cameras and 32 IP-networked cameras, all instantly selectable. Audio recording is also possible on up to 42 channels. Recorded images can be viewed simultaneously, with powerful search functions that enable you to see exactly what happened, where and when. Images can be found without time consuming manual searching, and are associated with full supporting information such as date/time, location, zone and selected camera.

BOSCH
Invented for life

TWISTED PAIR
1 MIC SERIES RUGGED PTZ CAMERA
6 EX30/80/82 SERIES INFRARED CAMERA
11 DINION IP COLOR NETWORK CAMERA
13 AUTODOME 300 SERIES PTZ DOME
9 VIP X1600
12 FLEXIDOME IP COLOR AND FLEXIDOME DAY/NIGHT MINIDOME CAMERAS
16 VIP X1
19 FLEXIDOME XF AND FLEXIDOME DN CAMERAS
2 AUTODOME 500i SERIES PTZ DOME
SPOT MONITOR
VIDEO MANAGEMENT & CONTROL
SPOT MONITOR
17 MEGAPIXEL COLOR NETWORK CAMERA
FREE WEB BROWSER ACCESS
BILINX (BI-DIRECTIONAL UP-THE-COAX)
COAX
LAN
3 FLEXIDOME VF AND FLEXIDOME XT+ CAMERAS
RS-232
FREE RECEIVER CLIENT
10 DIBOS HYBRID DIGITAL RECORDER
18 ATM/POS BRIDGE
4 REG SERIES LICENSE PLATE CAPTURE CAMERAS
7 BOSCH G SERIES CONTROL PANEL
DX4010I MODULE
RS-232
15 ACCESS EASY CONTROLLER
5 DINION XF DAY/NIGHT CAMERA
8 BLACK DIAMOND SUPER LED ILLUMINATOR
14 EX30-/80/82 IP CAMERA
ATM OR POS DEVICE

DiBos Sample Configuration

1. MIC Series Rugged PTZ Camera
Fully functional PTZ camera that provides reliable, robust and high-quality surveillance for the most demanding security applications

2. AutoDome 500i Series Intelligent PTZ Dome (VG4-5xx)
A revolutionary dome platform built around a system of intelligent, interchangeable modules that allow quick, cost-effective functionality updates. Incorporates advanced, intelligent video features including AutoTrack II, image stabilization, motion detection and a sophisticated “rules” engine.

3. FlexiDomeVF and FlexiDomeXT+ Fixed MiniDome Cameras (VDM-3X5 and VDC-4x5)
Incorporating advanced optics and a rugged dome, these cameras deliver tough, discreet surveillance

4. REG Series License Plate Capture Cameras
Dedicated license plate capture cameras that produce reliable images in all lighting and weather conditions

5. Dinion Day/Night Camera (LTC 0495)
A smart surveillance camera that delivers superior images even in the most difficult light and scene conditions

6. EX30/80/82 Series Infrared Cameras
These calibrated cameras feature performance optics and Black Diamond night vision for the most advanced level of nighttime imaging available today

7. G Series Control Panel (D9412GV2)
A solution that integrates controls for access, surveillance, emergencies, silent and audible fire alarms for comprehensive security

8. Black Diamond and AEGIS Illuminators
Active-infrared illuminators that produce images free of hot spots and underexposure in total darkness while ensuring constant lighting performance over time

9. VIP X1600 Multichannel MPEG-4 Encoder (VIPX1600M4S)
A 16-channel encoder for IP CCTV with storage via iSCSI

10. DiBos Hybrid Digital Video Recorder (DB18C3160R2)
A family of network-enabled hybrid digital video surveillance and recording systems that seamlessly integrate visual information into an overall security strategy

11. Dinion IP Color Network Camera (NWC 0455)
An IP-based, high-performance camera that embodies the outstanding picture quality of the Dinion analog camera range to fulfill the most challenging surveillance imaging requirements

12. FlexiDome IP Color and FlexiDome Day/Night MiniDome Cameras (NWD-455 and NWD-495)
These dome cameras combine award-winning imaging technology, IP connectivity and a vandal-resistant design to deliver discreet, high-quality surveillance – no matter how tough the environment

13. AutoDome 300 Series Advanced PTZ Dome (VG4-3xx)
A revolutionary dome platform built around a system of intelligent, interchangeable modules that allow quick, cost-effective functionality updates. Incorporates advanced features including an alarm management “rules” engine and privacy masking.

14. EX30/80/82 IP Camera Series
These calibrated cameras combine Black Diamond night vision, cutting-edge IP technology and an all-weather design for uncompromised, 24/7 networked surveillance

15. Access Easy Controller (AEC-8W-P2USE)
An easy to install and use access control solution that offers a host of security features such as CCTV integration, video verification and intrusion monitoring without sacrificing simplicity and intuitive control

16. VIP X1 Single Channel Video Encoder (VIPX1)
A compact, single-channel encoder that features DVD-like quality MPEG-4 video at up to 25/30 images per second, over IP networks

17. Megapixel Color Network Camera (NWC-700/800)
An ultra-high resolution camera that captures large, detailed, clear images ideal for identification

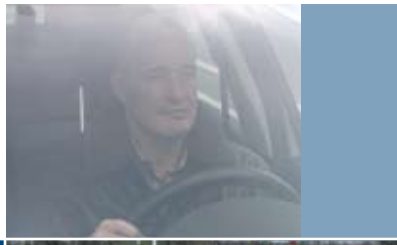
18. ATM/POS Bridge (DVRXEAP01)
This bridge provides an interface between a digital recorder and an Automatic Teller Machine (ATM) or Point-of-Sale (POS) equipment, allowing financial transaction data to be recorded and linked to specific camera images

19. FlexiDomeXF and FlexiDomeDN Fixed MiniDome Cameras (VDC-485 and VDN-495)
These high-performance, tough-as-nails domes deliver exceptional images in the most demanding low-light situations – indoors and outdoors

Flexibility. Scalability. Compatibility.

DiBos hybrid digital video recorders for comprehensive, networked video surveillance

With more images and more detail, you don't miss a thing.



Extend your surveillance reach to virtually any location

DiBos is a scalable solution that gives you real-time monitoring and recording on up to 30 local analog cameras and 32 IP-networked cameras, all instantly selectable.

In addition to video signals, audio streams can also be recorded on up to 42 channels – 10 from analog cameras and 32 from supported network sources such as AutoDome IP cameras or audio-enabled Bosch encoders (VIP X or VideoJet X Series). The result? You not only see what is happening, but you also hear exactly what transpires. This capability provides a valuable additional level of security, especially in transaction-oriented environments or high-risk situations.

The power of integration
Enabling you to view, store, access, share and distribute high-quality visual data securely and easily, DiBos lets you take your video surveillance to the next level.

Perform instant playback
Smoothly control forward and reverse playback speed for easy pinpointing, retrieval and analysis of recorded images and events.

Archive recordings easily
Quickly create an archive disk with DiBos' one-button recording feature. Make a few simple selections – date and time range, title and format – and you're a mouse-click away from having a CD or DVD.

Get complete camera control
Control local and remote PTZ cameras. Remotely configure and manage Bosch cameras with Bilinx. Program event- and time-scheduled recordings.

Experience advanced alarm handling
Have incoming camera alarms trigger automatic display of both live and recorded video. Receive an e-mail alert when an alarm trigger is activated. Know when alarms are received, acknowledged and deleted, thanks to the system's complete audit trail.

Conduct effective spot monitoring
Automatically or manually control two spot monitor outputs. Independently sequence selected cameras. View the default camera or sequence if no event occurs.

Monitor your system on the go
Remotely access virtually all DiBos functionality right from your computer. Control cameras or relay outputs and export images. View live images and recordings. Get additional control at your fingertips by opting for the DiBos Remote Receiver software, which allows you to search recordings and manage alarms remotely.

Enjoy easy, time-saving system installation
Virtually eliminate installation labor by using existing network infrastructures and cabling. Enjoy out-of-the-box operation with plug and play hardware. Let the software wizard, which automatically shows all available cameras, handle setup and configuration. Plus access isolated or hard-to reach locations with Bosch Bilinx Bi-Directional Communication Technology, which enables remote camera setup and PTZ control without separate data cables.

Enabling you to view, store, access, share and distribute high-quality visual data securely and easily. DiBos lets you take your video surveillance to the next level.

Storage Capacity Comparison	Recordable hours on 250 GB Hard Disk (50 ips), 16 cameras		
Compression	Standard resolution	Medium resolution	High resolution
MJPEG	113	56	28
Wavelet	100	63	38
MPEG2 (4 cameras)	69	63	47
MPEG-4	563	313	156

Get more images and detail while using less storage
See the difference that MPEG-4 makes. Get superior image quality while optimizing available bandwidth and storage capacity. Transmit and store more images and greater detail using your existing network infrastructure.

Bosch Security Systems, Inc., 130 Perinton Parkway, Fairport, NY 14450 USA
Phone: 800.289.0096 | Fax: 585-223-9180 | www.boschsecurity.us

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